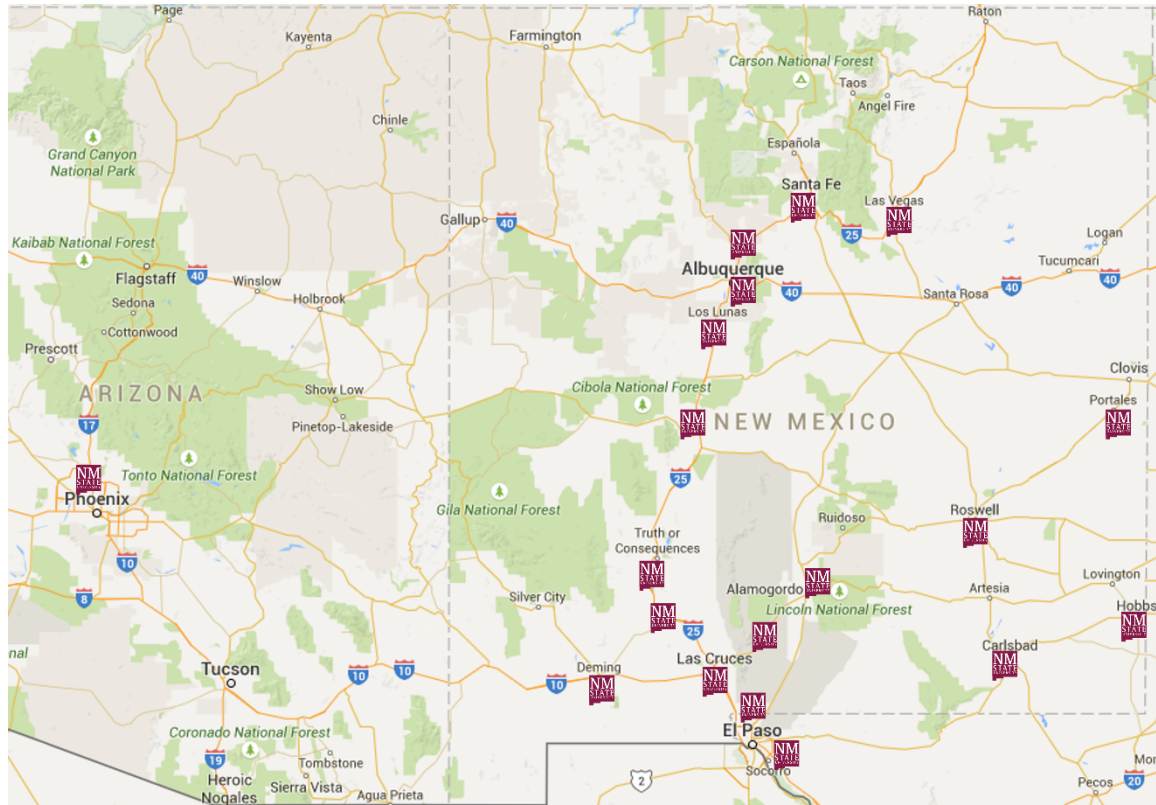


MDA STEM Outreach Program Overview: New Mexico

Tracey O'Neil
Program Manager

K-16 Outreach Efforts



New Mexico BEST

NMSU has served as the hub for the New Mexico BEST competition since 2001. The hub has grown to host over 30 teams each year from across New Mexico, west Texas and Arizona.



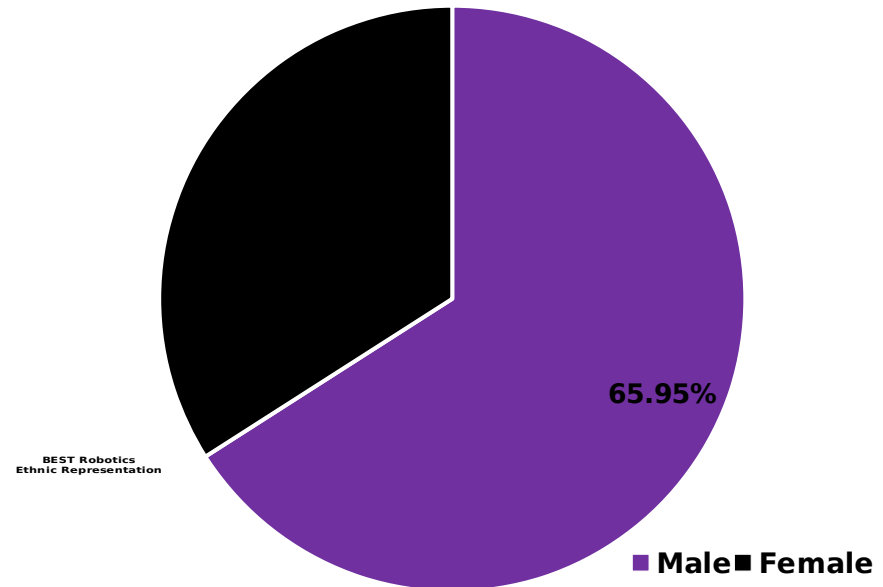
NM BEST Statistics

- Hosts 30 teams from across New Mexico, west Texas and Arizona
- Nearly 500 students have participated each year for the past three years
- Over 160 volunteers assisted with BEST day events



Team Demographics

**BEST Robotics
Gender Representation**

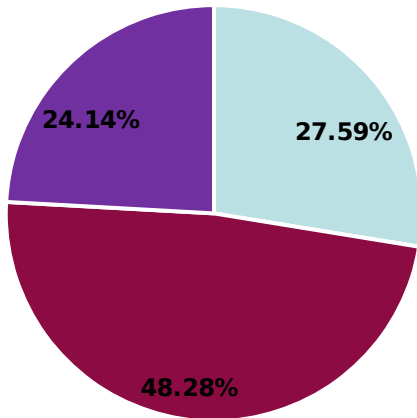


**BEST Robotics
Ethnic Representation**

Native American White African American Hispanic
Asian American Other

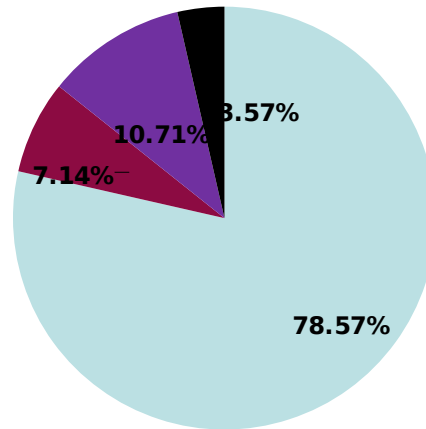
Team Demographics

School Location



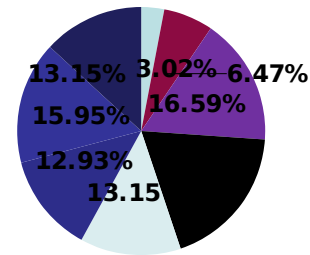
■ Rural ■ Urban/City ■ Sub-urban

Type of School



■ Public ■ Private ■ Home School ■ Other

Grade Level Distribution

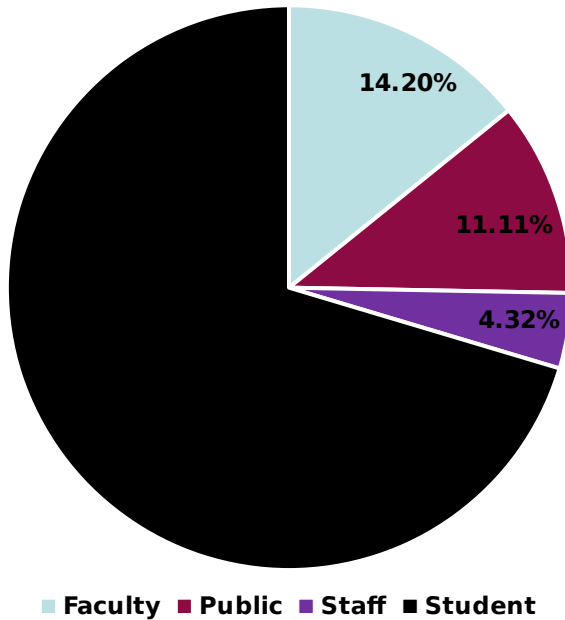


■ K-5 ■ 6th ■ 7th ■ 8th ■ 9th ■ 10th ■ 11th ■ 12th

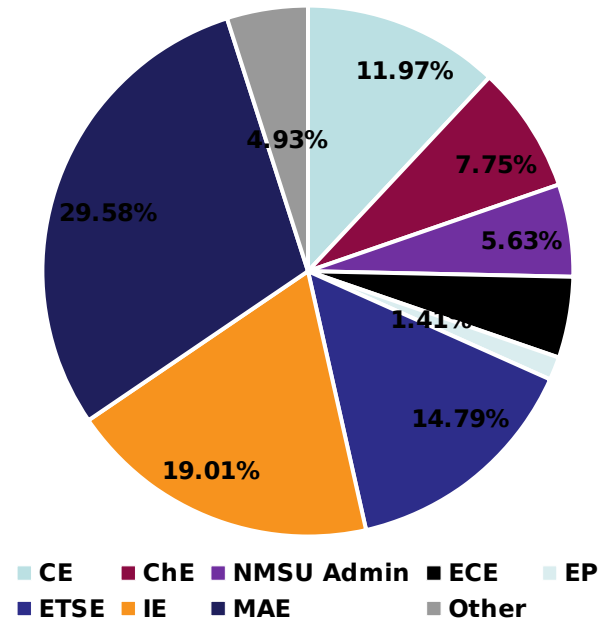


NM BEST Volunteers

Volunteer Breakdown



Volunteer Department Breakdown



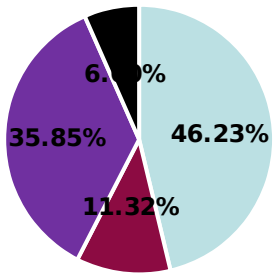
Building Capacity Beginning Robotics Summer Camps

- Beginning Robotics Summer Camps were designed to expose students ages 10-17 to the concepts of engineering through a three-day summer robotics camp.
- Using a project-based learning approach, the camps equipped students with hands-on experience in robotic design and programming that builds additional learning.



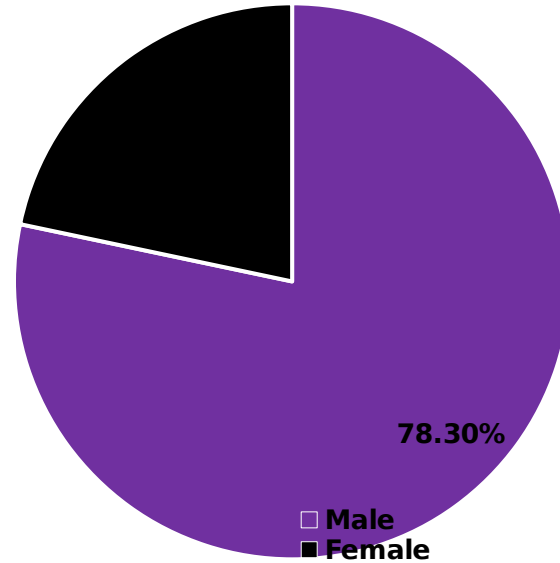
Beginning Robotics Summer Camps

**Beginning Robotics Summer Camps
Students by Region**

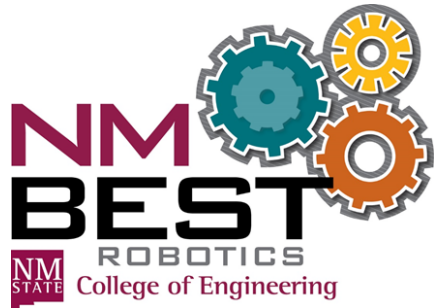


Albuquerque Hobbs Las Cruces Las Vegas

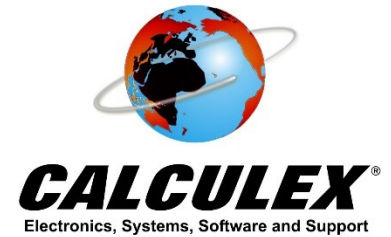
**Beginning Robotics Summer Camps
Gender Distribution**



Male
Female



NM BEST Sponsors



Thank you!

